



DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

~~FEDERAL SECURITY AGENCY~~
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

May 27, 1953

Communicable Disease Center
Enteric Bacteriology Laboratories
P. O. Box 185
Chamblee, Georgia

Dr. J. Lederberg
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin

Dear Dr. Lederberg:

This is to thank you for your letter of May 23 which arrived May 27. I agree to your method of handling the manuscript except that I would like to have back the carbon I worked on when you send the mimeographed copies.

I am sure you have wondered why we did not report your last two lots of cultures. We have struck some small snags as with reversal of b - i and a - b phases. I believe you are right in saying that the variation here resembles that of N97. Eventually we will give you a full report on these.

In the interim I can tell you that your 1042 A series and 1043 G series were as expected except 1043 G5 which was IX,XII: a. I have now plated it and put it in a serum. The first time I put the whole culture in serum and it started to spread but the spreader was some sort of chromogenic bug.

Your a - b form has caused trouble, possibly because we have worked with single colonies each time a phase was reversed. This has gone from a → b but no farther. We have not yet given up. The b - i form is similar. Here we have accomplished i → b but nothing more except z33.

I am doing absorptions with SW 1003 and 1043 G2 tomorrow. Also I will make a serum for the latter. I still will send you protocols of some of our results, believe it or not.

With kind regards, I am

For the Officer-in-Charge, Bacteriology Section

Sincerely yours,

Ph

PRE:mg

Philip R. Edwards, Ph. D.
Bacteriologist-in-Charge
Enteric Bacteriology Unit

P. S. on attached sheet